

CLASS - III

Subject - Computers

Teacher - Rupinder

Chapter - 5 → Fun with Paint

Good Morning Students,

Students, this lesson is of class 3 for the subject of Computers, Topic - 'Different file formats supported by Paint' which is covered in chapter-5, starting on page no. - 62 of your text book, titled - 'Kips-logix-3', and is being submitted to you on 9.12.24

• I hope all the students are ready for today's lesson; let us start with the topic -

→ Different file formats supported by Paint:-

* Children, whenever you create a drawing in MS-Paint, you want to save it in your computer. So, this paint program is there to provide you with different formats for saving a drawing in paint. These file formats are:-

1. BMP (Bit map)
2. JPEG (Joint Photographic Experts Group)

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3. GIF (Graphics Interchange Format)
4. TIFF (Tagged Image File Format)
5. PNG (Portable Network Graphics)

All these file formats provide different colours, quality, size for the picture that you want to save.

Now, we are going to study all these file formats in detail:-

1. BMP:- Students, full form of BMP is Bitmap file. It is very large in size and cannot be compressed means- you cannot change the size of this type of files. These type of pictures are created by using digital camera or by scanning an image. The original pictures that are created ^{by digital camera,} are rich in colour, high in quality. If you try to change the size of such type of pictures, ^{then} these pictures will lose their quality.
2. JPEG:- Students, full form of this JPEG is Joint Photographic Experts Group. This type of formats support around 16.7 million colours. JPEG format is best suited for rich colour photographs.

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3. GIF :- Students, full form of GIF is Graphical Interchange format. These type of formats are used for animations, because these support only 256 colours and pictures created in this format are smaller in size. For example - like you see WhatsApp image in the format of GIF. These are animated pictures and also very small in size. - these can be in the form of birthday greetings, Diwali greetings, Newyear images etc.
4. TIFF :- The full form of TIFF is Tagged Image File format. These type of formats are used by graphic artists, publishing industries etc. These files can be compressed, converted to other formats like - JPEG, GIF or PDF by using a special software called Image Converter Plus.
5. PNG :- Students, full form of PNG is Portable Network Graphics. These type of formats are basically used for web or internet, because it supports a wide variety of colours but does not support animation. When you want to change the size of these pictures, these will be changed without losing its quality.

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* Students, All of you may take 3 minutes break, during break time please write the following questions in the note book and give suitable answers.

Question-1 How many types of file formats are present in Paint?

Question-2 GIF format provides how many colours?

Question-3 Which format is used for images on the web?

* Students, 3 minutes break is over now, let me give you answers first for the questions before starting the last topic; of this chapter. and the answers are:-

Answer-1:- Five formats.

Answer-2:- 256 Colours

Answer-3:- PNG (Portable Network Graphics)

* Students, Next topic is present on page no-62 in the book:-

→ Saving A File in a different format:- Students, whenever you save a file in MS-Paint, it will always be saved automatically with .png extension. If you want to save the picture in another format then follow the given steps:-

1. Click on Paint button and select save option.
2. A dialog box will appear (as shown in figure - in the book)
3. Choose the location and give name for file in the text box.
4. From save as type listbox - choose different format and click on save.

* Children I am ending the lesson here. Please read the assignment and try to solve the back exercise